



RECEIVED

AUG 01 2001

TECH CENTER 1600/2900

☐ <110> Imperial Cancer Research Technology Limited

☐ <120> Polypeptides and their use in therapy

☐ <130> IMPW/P18999PC

☐ <140>

☐ <141>

☐ <160> 2

☐ <170> PatentIn Ver. 2.0

☐ <210> 1

☐ <211> 49

☐ <212> DNA

☐ <213> Artificial Sequence

☐ <220>

☐ <223> Description of Artificial Sequence:double stranded

☐ oligonucleotide

☐ <400> 1

☐ cacagtcagg acatcatcat catcatcatt aaggatcctc tagaggtac

☐ <210> 2

<211> 728

☐

<212> PRT

☐

<213> h. sapiens

☐

☐

<400> 2

☐

Met Trp Val Thr Lys Leu Leu Pro Ala Leu Leu Leu Gln His Val Leu

☐

1

5

10

15

☐

☐

Leu His Leu Leu Leu Leu Pro Ile Ala Ile Pro Tyr Ala Glu Gly Gln

☐

20

25

30

☐

☐

Arg Lys Arg Arg Asn Thr Ile His Glu Phe Lys Lys Ser Ala Lys Thr

☐

35

40

45

☐

☐

Thr Leu Ile Lys Ile Asp Pro Ala Leu Lys Ile Lys Thr Lys Lys Val

☐

50

55

60

☐

☐

Asn Thr Ala Asp Gln Cys Ala Asn Arg Cys Thr Arg Asn Lys Gly Leu

☐

65

70

75

80

☐

☐

Pro Phe Thr Cys Lys Ala Phe Val Phe Asp Lys Ala Arg Lys Gln Cys

☐

85

90

95

☐

☐

Leu Trp Phe Pro Phe Asn Ser Met Ser Ser Gly Val Lys Lys Glu Phe

☐

100

105

110

☐

☐

Gly His Glu Phe Asp Leu Tyr Glu Asn Lys Asp Tyr Ile Arg Asn Cys

☐

115

120

125

☐

B3  
cont

☐ Ile Ile Gly Lys Gly Arg Ser Tyr Lys Gly Thr Val Ser Ile Thr Lys

☐ 130 135 140

☐ Ser Gly Ile Lys Cys Gln Pro Trp Ser Ser Met Ile Pro His Glu His

☐ 145 150 155 160

☐ Ser Phe Leu Pro Ser Ser Tyr Arg Gly Lys Asp Leu Gln Glu Asn Tyr

☐ 165 170 175

☐ Cys Arg Asn Pro Arg Gly Glu Glu Gly Gly Pro Trp Cys Phe Thr Ser

☐ 180 185 190

☐ Asn Pro Glu Val Arg Tyr Glu Val Cys Asp Ile Pro Gln Cys Ser Glu

☐ 195 200 205

☐ Val Glu Cys Met Thr Cys Asn Gly Glu Ser Tyr Arg Gly Leu Met Asp

☐ 210 215 220

☐ His Thr Glu Ser Gly Lys Ile Cys Gln Arg Trp Asp His Gln Thr Pro

☐ 225 230 235 240

☐ His Arg His Lys Phe Leu Pro Glu Arg Tyr Pro Asp Lys Gly Phe Asp

☐ 245 250 255

☐ Asp Asn Tyr Cys Arg Asn Pro Asp Gly Gln Pro Arg Pro Trp Cys Tyr

☐ 260 265 270

B3  
Cont

Thr Leu Asp Pro His Thr Arg Trp Glu Tyr Cys Ala Ile Lys Thr Cys

☐

275

280

285

☐

☐

Ala Asp Asn Thr Met Asn Asp Thr Asp Val Pro Leu Glu Thr Thr Glu

☐

290

295

300

☐

☐

Cys Ile Gln Gly Gln Gly Glu Gly Tyr Arg Gly Thr Val Asn Thr Ile

☐

305

310

315

320

☐

☐

Trp Asn Gly Ile Pro Cys Gln Arg Trp Asp Ser Gln Tyr Pro His Glu

☐

325

330

335

☐

☐

His Asp Met Thr Pro Glu Asn Phe Lys Cys Lys Asp Leu Arg Glu Asn

☐

340

345

350

☐

☐

Tyr Cys Arg Asn Pro Asp Gly Ser Glu Ser Pro Trp Cys Phe Thr Thr

☐

355

360

365

☐

☐

Asp Pro Asn Ile Arg Val Gly Tyr Cys Ser Gln Ile Pro Asn Cys Asp

☐

370

375

380

☐

☐

Met Ser His Gly Gln Asp Cys Tyr Arg Gly Asn Gly Lys Asn Tyr Met

☐

385

390

395

400

☐

☐

Gly Asn Leu Ser Gln Thr Arg Ser Gly Leu Thr Cys Ser Met Trp Asp

☐

405

410

415

☐

☐

Lys Asn Met Glu Asp Leu His Arg His Ile Phe Trp Glu Pro Asp Ala

☐

B3  
Cont.

420 425 430  
 Ser Lys Leu Asn Glu Asn Tyr Cys Arg Asn Pro Asp Asp Asp Ala His  
 435 440 445  
 Gly Pro Trp Cys Tyr Thr Gly Asn Pro Leu Ile Pro Trp Asp Tyr Cys  
 450 455 460  
 Pro Ile Ser Arg Cys Glu Gly Asp Thr Thr Pro Thr Ile Val Asn Leu  
 465 470 475 480  
 Asp His Pro Val Ile Ser Cys Ala Lys Thr Lys Gln Leu Arg Val Val  
 485 490 495  
 Asn Gly Ile Pro Thr Arg Thr Asn Ile Gly Trp Met Val Ser Leu Arg  
 500 505 510  
 Tyr Arg Asn Lys His Ile Cys Gly Gly Ser Leu Ile Lys Glu Ser Trp  
 515 520 525  
 Val Leu Thr Ala Arg Gln Cys Phe Pro Ser Arg Asp Leu Lys Asp Tyr  
 530 535 540  
 Glu Ala Trp Leu Gly Ile His Asp Val His Gly Arg Gly Asp Glu Lys  
 545 550 555 560  
 Cys Lys Gln Val Leu Asn Val Ser Gln Leu Val Tyr Gly Pro Glu Gly  
 565 570 575

B3  
 cont.

□  
Ser Asp Leu Val Leu Met Lys Leu Ala Arg Pro Ala Val Leu Asp Asp  
□

580 585 590

□  
Phe Val Ser Thr Ile Asp Leu Pro Asn Tyr Gly Cys Thr Ile Pro Glu  
□

595 600 605

□  
Lys Thr Ser Cys Ser Val Tyr Gly Trp Gly Tyr Thr Gly Leu Ile Asn  
□

610 615 620

□  
Tyr Asp Gly Leu Leu Arg Val Ala His Leu Tyr Ile Met Gly Asn Glu  
□

625 630 635 640

□  
Lys Cys Ser Gln His His Arg Gly Lys Val Thr Leu Asn Glu Ser Glu  
□

645 650 655

□  
Ile Cys Ala Gly Ala Glu Lys Ile Gly Ser Gly Pro Cys Glu Gly Asp  
□

660 665 670

□  
Tyr Gly Gly Pro Leu Val Cys Glu Gln His Lys Met Arg Met Val Leu  
□

675 680 685

□  
Gly Val Ile Val Pro Gly Arg Gly Cys Ala Ile Pro Asn Arg Pro Gly  
□

690 695 700

□  
Ile Phe Val Arg Val Ala Tyr Tyr Ala Lys Trp Ile His Lys Ile Ile  
□

705 710 715 720

□

□

Cont  
G1

B3  
Cont.

Leu Thr Tyr Lys Val Pro Gln Ser

☐

725

☐

☐

☐

☐

B3  
Cont

